

**MMP-8 Antibody**  
**Purified Rabbit Polyclonal Antibody**  
**Catalog # ABV11539****Specification**

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**MMP-8 Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P22894</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53412

**MMP-8 Antibody - Additional Information****Gene ID** 4317**Other Names**

Neutrophil collagenase, 3.4.24.34, Matrix metalloproteinase-8, MMP-8, PMNL collagenase, PMNL-CL, MMP8, CLG1

**Target/Specificity**

MMP-8

**Formulation**

100 µg (0.5 mg/ml) protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Background Descriptions****Precautions**

MMP-8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**MMP-8 Antibody - Protein Information****Name** MMP8**Synonyms** CLG1**Function**

Can degrade fibrillar type I, II, and III collagens.

**Cellular Location**

Cytoplasmic granule. Secreted, extracellular space, extracellular matrix. Note=Stored in

intracellular granules

**Tissue Location**

Neutrophils.

**MMP-8 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MMP-8 Antibody - Images****MMP-8 Antibody - Background**

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. Unlike other members of the MMP family, MMP-8 is expressed exclusively in inflammatory conditions. MMP-8 is also the predominant collagenase expressed in ulcers and healing wounds.